

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT*(Use several sheets if necessary)*

ATTY. DOCKET NO. 08286.105015	SERIAL NO. Unassigned	FILING DATE October 15, 2003
APPLICANT Ronald L. Hodge et al.		GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mc	AA	6,483,635	11/19/02	Wach			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
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	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
	AL						
	AM						
	AN						
	AO						

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

mc	AP	G. Scott Glaesemann et al., "The Mechanical Reliability of Corning® Optical Fiber in Bending White Paper," September 2002, pgs. 1-4.
mc	AR	Corning® SMF-28™ Optical Fiber Product Information, "Corning® Single-Mode Optical Fiber," April 2002, pgs. 1-4.

EXAMINER <i>Michelle R. Connolly-Cushwa</i>	DATE CONSIDERED <i>4/28/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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ATTY. DOCKET NO. 08286.105015	SERIAL NO. 10/686,688	FILING DATE October 15, 2003
APPLICANT Ronald L. Hodge, et al.		GROUP 2874

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	AA	5,510,921	04/23/96	Takai et al.			
MC	AB	5,701,186	12/23/97	Huber			
MC	AC	6,546,014	04/08/03	Kramer et al.			
MC	AD	2003/00903020 A1	05/15/03	Skrobko et al.			
MC	AE	2001/0002486 A1	05/31/01	Kocher et al.			
MC	AF	5,469,507	11/21/95	Canetti et al.			
MC	AG	2002/0164026 A1	11/07/02	Huima			
MC	AH	5,179,591	01/12/93	Hardy et al.			
MC	AI	6,360,320 B2	03/19/02	Ishiguro et al.			
MC	AJ	5,875,430	02/23/99	Koether			
MC	AK	4,763,317	08/09/88	Lehman et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
	AL						
	AM						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	Partial International Search Report dated 01/03/03 for PCT/US01/31032
MC	AO	International Search Report dated 04/22/03 for PCT/US01/50361
	AP	L. Zhang et al., "Label-switching architecture for IP traffic over WDM networks", IEE Proc.-Commun., Vol. 147, No. 5, October 2000, pgs. 269-275.

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M.R. Connelly-Cushwa

4/28/05

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08286.105015	10/686,688	October 15, 2003
APPLICANT		GROUP
Ronald L. Hodge, et al.		2874

FOREIGN PATENT DOCUMENTS**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

BA	J. Masip-Torné, et al., "Providing Differentiated Service Categories in Optical Packet Networks", Proceedings of the International Teletraffic Congress. ITC-16. Teletraffic Engineering in a Competitive World. Edinburgh, UK, June 7 - 11, 1999, Teletraffic Science and Engineering, Amsterdam: Elsevier, NL, Vol. 3B, June 7, 1999, pgs. 1115-1126
BB	J. Bannister et al., "How Many Wavelengths Do We Really Need? A Study of the Performance Limits of Packet Over WaveLengths", Optical Networks Magazin, SPIE, Bellingham, WA, Vol. 1, No. 2, April 2000, pgs. 17-28.
BC	O. W.W. Yang, et al., "All-Optical WDM/TDM Star-Bus Network Using Optical Amplifiers", Journal of Optical Communications, Fachverlage Schiele & Schon, Berlin, DE, Vol. 16, No. 6, December 1, 1995, pgs. 216-226.
BD	Walter Ciciora et al., "Modern Cable Television Technology: Video, Voice, and Data Communications", © 1999 by Morgan Kaufman Publishers, Inc., pgs. 167-176
BE	International Search Report dated 04/21/03 for PCT/US02/28734
BF	Written Opinion dated May 6, 2003 for PCT/US01/21298
BG	
BH	
BI	
BK	
BL	
BM	
BN	
BO	

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<i>M.R. Connelly - Cushman</i>	<i>4/28/05</i>
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		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.	
	AL						
	AM						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

mc	AN	Global Access™, Universal Services Gateway, USG100, ARRIS, pgs. 1-2, October 18, 2002.
mc	AO	Global Access™, Universal Access Switch, UAS4024, ARRIS, pgs. 1-2, August 28, 2002.
	AP	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	AA	2002/0021465	02/21/02	Moore, Jr. et al.			
	AB						
	AC						
	AD						
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	AG						
	AH						
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	AN				
	AO				

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mc	BW	5,249,194	09/28/93	Sakanushi			
	BX	5,412,498	05/2/95	Arstein et al.			
	BY	6,151,343	11/21/00	Jurgensen			
	BZ	5,802,089	09/01/98	Link			
	CA	6,097,159	08/01/00	Mogi et al.			
	CB	5,778,017	07/07/98	Sato et al.			
	CD	5,706,303	01/06/98	Lawrence			
	CE						
	CF						
	CG						
	CH						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
					YES	NO.
CI						
CK						
CL						
CM						
CN						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CO	International Search Report dated December 4, 2002 for PCT/US02/27398
CP	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	DA	5,345,504	09/06/94	West, Jr.			
	DB	5,528,582	06/18/96	Bodeep et al.			
	DC	5,892,865	04/06/99	Williams			
	DD	5,861,966	01/19/99	Ortel			
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO.
	DK						
	DL						
	DM						
	DN						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

DO	International Search Report dated December 17, 2002 for PCT/US02/15861
DP	
DQ	

EXAMINER Michelle R. Connelly-Cushwa	DATE CONSIDERED 4/28/05
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
MC	AA	20010002195	05/31/01	Fellman et al.		
	AB	20010002196	05/31/01	Fellman et al.		
	AC	20010030785	10/18/01	Pangrac et al.		
	AD	20020039218	04/04/02	Farmer et al.		
	AE	20020089725	07/11/02	Farmer et al.		
	AF	4,655,517	05/11/87	Widmer		
	AG	4,975,899	12/04/90	Faulkner		
	AH	5,572,348	11/05/96	Carlson et al.		
	AI	5,880,864	03/09/99	Williams et al.		
	AJ	RE37,125	04/03/01	Carlson et al.		
	AK	6,356,369	03/12/02	Farhan		

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		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
	AL	EP 0720322 A2	07/03/96	Europe	ALCATEL N.V.	
	AM	WO 01/27940 A2	04/19/01	PCT	OPTICAL SOLUTIONS, INC.	
	AN	WO 02/030019 A3	04/11/02	PCT	WAVE7 OPTICS, INC.	
	AO	WO 02/30020 A2	04/11/02	PCT	WAVE7 OPTICS, INC.	
	AP	WO 02/060123 A2	08/01/02	PCT	WAVE7 OPTICS, INC.	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AR	"Trading Update and Operational Review Presentation" Marconi, September 4, 2001, pgs 1-35.				
	AR	"Cable Market" 2 pgs, Marconi Corporation, PLC, 2000 at www.Marconi.com				
	AS	"Communications" 2 pgs, Marconi Corporation, PLC, 2000 at www.Marconi.com				
	AT	"Dalton Utilities" 9 pgs, Marconi Corporation, PLC, 2002 at www.Marconi.com				

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OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AU	"Deep Fiber Solutions" 3 pgs, Marconi Corporation, PLC, 2000 at www.Marconi.com
AV	"Deep Fiber HFC Features and Benefits" 1 pg, Marconi Corporation, PLC, 2002 at www.Marconi.com
AW	"Deep Fiber HFC Network Diagram" 1 pg, Marconi Corporation, PLC, 2002 at www.Marconi.com
AX	"Deep Fiber HFC Product Overview: New FITL Configuration" 2 pgs, Marconi Corporation, PLC, 2002 at www.Marconi.com
AY	"Deep Fiber HFC Technical Specifications" 2 pgs, Marconi Corporation, PLC, 2002 at www.Marconi.com
AZ	"Deep Fiber HFC - New FITL Configuration" 1 pg, Marconi Corporation, PLC, 2002 at www.Marconi.com
BA	"En-Touch" at 5 pgs, Marconi Corporation, PLC, 2002 www.Marconi.com
BB	"Fiber to the Home" International Engineering Consortium (no date) pgs 1-10, available at www.iec.com.
BC	"Deep Fiber HFC" Marconi Corporation PLC 2000, pgs 1-2.
BD	"Integrated Voice, Video and Data Services Over a Single Fiber: A Compelling Opportunity for Cable Operators" Marconi Corporation PLC, May 2000, 6 pgs
BE	"Deep Fiber Solutions: Advanced Broadband Services" Marconi Corporation PLC, May 2000, 5pgs.
BF	"Deep Fiber HFC: A Next-Generation Integrated Access Solution Offering Significant Improvement Over Traditional HFC Architectures" Marconi Corporation PLC, May 2000, 8pgs.
BG	"A Gold Mine of Opportunities in the Face of Increasing Competition: Choices for Utilities Entering the Communications Marketplace" Marconi Corporation PLC, May 2000, 6pgs
BH	"Fiber Optics on New Development MDUs: A Research Summary," Marconi Corporation PLC, May 2000, 5pgs.
BI	"Thermal Management Challenges: Small ONU Enclosures," Marconi Corporation PLC, May 2000, 9pgs.
BJ	"Passive Optical Networks - Is There Light at the End of the Access Tunnel?" CIBC World Markets Inc., January 11, 2001, pgs 1-66.
BK	"36.24 GB/10B transmission code", IEEE 2000, pgs 966-969.
BL	G. Khoe et al., "Coherent Multicarrier Technology for Implementation in the Customer Access," IEEE, May/June 1993, pgs 695-713.
BM	L. Linnell, "A Wide-Band Local Access System Using Emerging-Technology Components," IEEE, July 1986, pgs. 612-618
BN	"Digital Broadband Delivery System: Out of Band Transport - Mode B," Society of Cable Telecommunications Engineers, Inc., August 10, 1998, 76 pgs.

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BO	"Digital Broadband Delivery System: Out of Band Transport - Mode A," Society of Cable Telecommunications Engineers, Inc., August 26, 1998, 49 pgs.
BP	B. Gaglianella & P. Thompson, "An Efficient MAC Layer Protocol for EPON," IEEE 802.3 EFM November 2001, 9 pgs.
BQ	"Policing and Shaping Overview" <i>Quality of Service Solutions Configuration Guide</i> , Cisco Systems, Inc. (No Date)
BR	"Cisco IOS™ Software Quality of Service Solutions," Cisco Systems, Inc. 1998, 28 pgs.
BS	International Search Report for PCT/US01/21298, 2 pgs, mailed June 17, 2002.
BT	International Search Report for PCT/US02/03056, 1 pg, mailed June 12, 2002.
BU	"Ethernet - Accelerating the Standard for Speed," 7 pgs, Gigabit Ethernet Alliance, November 2000 at www.gigabit-ethernet.org
BV	"eLuminant - Asynchronous Transfer Mode (ATM) Passive Optical Networks (PONS) Tutorial" 28 pgs, the International Engineering Consortium, 2000 at www.iec.org
BW	
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MC	AA	US 5,541,917	07/30/96	FARRIS, Robert D.			
	AB	US 5,969,836	10/19/99	FOLTZER, Lawrence E.			
	AC	US 5,572,347	11/05/96	BURTON, Larry W. et al.			
	AD	US 5,365,588	11/15/94	BIANCO, Mark E. et al.			
	AE	US 4,956,863	09/11/90	GOSS, Kenneth C.			
	AF	US 5,253,250	10/12/93	SCHLAFFER, John et al.			
	AG	US 6,336,201	01/01/01	GEILE, Michael J. et al.			
	AH	US 5,793,413	08/11/98	HYLTON, Denny L. et al.			
	AI	US 5,790,523	08/04/98	RITCHIE, JR., John A. et al.			
✓	AJ	US 6,674,967	01/06/04	SKROBKO, John et al.			
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO.
	AQ	EP 0955739 A2	11/10/99	Europe	NEC Corporation		
	AR	EP 0713347 A2	05/22/96	Europe	AT&T Corporation		

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MC	AA	5,559,858	09/24/96	Beveridge			
	AB	6,460,182	10/01/02	BuAbbud			
	AC	6,427,035	07/30/02	Mahony			
	AD	5,349,457	09/20/94	Bears			
	AE	6,295,148	09/25/01	Atlas			
	AF	5,325,223	06/28/94	Bears			
	AG	6,385,366	05/07/02	Lin			
	AH	5,572,349	11/05/96	Hale et al.			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	BOURNE, John et al., "Heathrow - Experience and Evolution" IEEE, 1990, pages 1091-1095.
CB	MIKI, Tetsuya et al., "A Design Concept on Fiber-Optic Wavelength-Division-Multiplexing Subscriber Loop System" WTG - Fachber, 1980, pages 41-45.
CC	YAMAUCHI, K. et al., "A Broadband Access Network Based on Optical Signal Processing: The Photonic Highway" IEEE, 1990, pages 1030-1037.
CD	International Search Report of July 7, 2003 for PCT/US01/51350
CE	ANGELOPOULOS, J.D. et al., "A Transport Mac Method for Bandwidth Sharing and CDV Control at the ATM Layer of Passive Optical Networks" Journal of Lightwave Technology, IEEE, 1996, pages 2625-2634.
CF	International Search Report of July 2, 2003 for PCT/US03/07814
CG	International Search Report of October 3, 2003 for PCT/US03/12231
CH	CICIORA, Walter S. et al., "Modern Cable Television Technology: Video, Voice, and Data Communications", ©1999, pages 162-214, Chapter 4, Morgan Kaufmann Publishers, Inc., San Francisco, California.

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CI	Companie Deutsch, Components for Fiber Optics, "Triplexers - WDM: FSAN - TPM Series", pages 1-6.
CJ	CEDaily Direct News, "Today's Report", March 19, 2001, pages 1-5.
CK	Lucent Technologies, "Lucent Technologies Introduces Single-Fiber Network Access Devices for Voice, Video, and Data Services to the Home or Curb", June 6, 2000, pages 1-2.
CL	Lucent Technologies, "Agere Systems Introduces Single-Fiber Network Access Devices for Voice, Video and Data Services to the Home or Curb", March 19, 2001, pages 1-3.
CM	Optical Networks Daily, a Publication of Optical Keyhole, August 26, 2003, pages 1-13.

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MC	AA	US 6,041,056	03/21/00	BIGHAM, John A. et al.			
	AB	US 5,666,487	09/09/97	GOODMAN, William et al.			
	AC	US 5,557,317	09/17/96	NISHIO, Makoto et al.			
	AD	US 5,534,912	07/09/96	KOSTRESKI, Bruce W.			
	AE	US 5,247,347	09/21/93	LITTERAL, Larry A. et al.			
	AF	US 6,097,515	08/01/00	POMP, Steve et al.			
✓	AG	US RE 35,774	04/21/98	MOURA, Eduardo J. et al.			

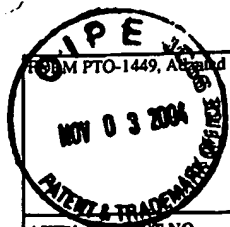
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						YES	NO.

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

M.R. Connelly - Cushman

4/28/05



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MC	AA	6,002,720	12/14/99	Yurt et al.			
	AB	5,550,863	08/27/96	Yurt et al.			
	AC	5,253,275	10/12/93	Yurt et al.			
	AD	5,132,992	07/21/92	Yurt et al.			
	AE	6,144,702	11/07/00	Yurt et al.			
✓	AF	2002/0135843	09/26/02	Gruia			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
MC	AG	0 566 662	11/03/99	EP	Greenwich Technologies		
	AH	0 933 892	10/15/03	EP	Acacia Media Technologies Corp.		
	AI	4-504433	03/22/02	JP			
	AJ	180038	11/08/95	MX	Paul Yurt et al.		
✓	AK	72821	08/11/95	TW			

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER <i>Michelle R. Connelly-Cushwa</i>	DATE CONSIDERED <i>4/28/05</i>
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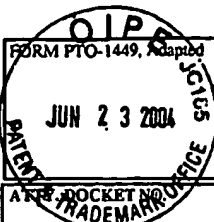
FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
					YES	NO.

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

MC	AP	Piehler et al., Nonlinear Raman Crosstalk in a 125-Mb/s CWDM Overlay on a 1310-nm Video Access Network, 2003, Optical Society of America.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	AA	US 4,500,990	02/19/85	Akashi			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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